What is claimed is:

1. A method for producing L-glutamic acid, comprising the steps of cultivating a coryneform bacterium in a liquid medium to produce and accumulate L-glutamic acid in the medium, and collecting the L-glutamic acid, wherein penicillin binding protein (PBP) does not normally function in said bacterium and said bacterium has the ability to produce L-glutamic acid.

2. The method according to claim 1, wherein the coryneform bacterium is a bacterium in which penicillin binding protein functions normally at the first temperature and does not function normally at the second temperature,

comprising the steps of cultivating the bacterium at the first temperature to proliferate the bacterium, and cultivating the bacterium at the second temperature to produce L-glutamic acid.

3. The method according to claim 2, wherein the coryneform bacterium is a bacterium which harbors a plasmid comprising a gene coding for a penicillin binding protein (PBP gene) and a temperature sensitive replication control region, and in which the PBP gene on chromosome does not function, and the plasmid can replicate at the first temperature, and cannot replicate at the second temperature.

4. The method according to claim 2, wherein the penicillin binding protein produced by the coryneform bacterium has a temperature sensitive mutation.

5. The method according to ~~any one of claims 1-4,~~ claim 1 wherein the penicillin binding protein shows a molecular weight of about 60,000 in SDS-polyacrylamide gel electrophoresis, when the penicillin binding protein binds to penicillin G.

6. The method according to ~~any one of claims 1-4,~~ claim 1 wherein the penicillin binding protein has the amino acid sequence shown in SEQ ID NO: 2 in Sequence .

7. The method according to claim 3, wherein the PBP gene has a nucleotide sequence comprising at least the sequence of the nucleotide numbers 881 to 2623 of SEQ ID NO: 1 in Sequence Listing.

8. DNA which codes for a protein defined in the following (A) or (B):

(A) a protein which has the amino acid sequence of SEQ ID NO: 2 in Sequence Listing;

(B) a protein which has an amino acid sequence of SEQ ID NO: 2 in Sequence Listing including substitution, deletion, insertion, addition or inversion of one or

several amino acids, and an activity for binding to penicillin.

9. The DNA according to claim 7, which is DNA defined in the following (a) or (b):

(a) DNA which comprises at least the nucleotide sequence of the nucleotide numbers 881 to 2623 of SEQ ID NO: 1 in Sequence Listing;

(b) DNA which is hybridizable with a nucleotide sequence comprising at least the sequence of the nucleotide numbers 881 to 2623 of SEQ ID NO: 1 in Sequence Listing under a stringent condition, and codes for a protein having an activity for binding to penicillin.